DNA Map Quiz

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Grade \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Use the illustration to answer 1 – 6

1. Which letter indicates the location of weak Hydrogen Bonds?
2. Which letter is the site of a phosphate molecule?
3. Is figure 1 DNA or RNA?
4. What kind of sugar is at “B”? a. ribose b. deoxyribose c. sucrose d. glucose
5. If letter “E” is thymine, what is letter “C”? a. A b. G c. T d. C e. U
6. Circle a nucleotide is Fig. 1
7. Is figure 2 DNA or RNA? A. DNA b. RMA
8. What kind of sugar is indicated at letter “A”, figure 2? A. glucose b. sucrose c. ribose d. deoxyribose
9. How many nitrogen bases are in a codon? A. 1 b. 2 c. 3 d. 4
10. What is letter “A”? a. tRNA b. DNA c. ribosome d. protein
11. What is letter “B”? a. tRNA b. DNA c. rRNA d. ribosome e. mRNA
12. What process does figure 3 represent? A. replication b. translocation c. transcription d. translation

**Figure 1** Use for # 1-6

1. What is represented at letter “C”? a. mRNA b. codon c. rRNA d. anticodon



**Figure 2** Use for # 7-8

**C**

**A**

**B**

**A**

**B**

**D**

**E**

**C**

**A**

A

**B**

**Figure 3** Use for # 10-12